

**ABSTRACT**

In a method for determining the general semantic theme of a group  
5 of images, whereby each digitized image is identified as belonging to a specific  
group of images, one or more image feature measurements are extracted from  
each of the digitized images in an image group, and then used to produce an  
individual image confidence measure that an individual image belongs to one or  
more semantic classifications. Then, the individual image confidence measures  
10 for the images in the image group are used to produce an image group confidence  
measure that the image group belongs to one or more semantic classifications, and  
the image group confidence measure is used to decide whether the image group  
belongs to one or to none of the semantic classifications, whereby the selected  
semantic classification constitutes the general semantic theme of the group of  
15 images. Additionally, a plurality of semantic theme processors, one for each  
semantic classification, are provided to produce enhanced value imaging services  
and products for image groups that fall into an appropriate semantic theme.